**REPORT**

1. **Event Title**: Workshop on Discovering & Learning the application of Statistics using MS Excel

2. **Category**: All Research Scholar and faculty members

3. **Department**: Guru Nanak Centre for Research (GNCR)

4. **Date**: 19. 05. 2020

5. **No. of Participants**: 100

6. **No. of Resource Person**: Prof. K. Marimuthu, Faculty of Applied Science, 08100 Semeling, Kedah Darul Aman, Malaysia

**Report Description**

The Guru Nanak Centre for Research (GNCR) organized one day Workshop on Discovering & Learning the application of Statistics using MS Excel on 19th May, 2020 by Dr. J. Jayanthi, Dean Research through Zoom application for Research Scholars and faculty members. Prof. K. Marimuthu, Faculty of Applied Science, 08100 Semeling, Kedah Darul Aman, Malaysia was the resource person who delivered the presentation about statistic application using MS Excel.

**Report**

Analysis of data using the statistical packages has become a basic requirement for all researchers and academicians. The MS excel is one of the most common spread sheet available in all MS Office that helps to researchers perform different statistical functional and analytical data. This workshop
was to design to share the different statistical application tools and other inbuilt functions were trained to all the participants by hands on session through ZOOM application.

Invitation

**Workshop on Discovering & Learning the Application of Statistics Using MS Excel**

**Date:** 19 May 2020 (Tuesday)
**Time:** 9.00 am to 5.00 pm

**Organized by**
Guru Nanak Centre for Research
GURU NANAK COLLEGE (AUTONOMOUS) VELACHERY, CHENNAI – 42

**ABOUT THE WORKSHOP**
Analysis of data using the statistical packages has become a basic requirement in all disciplines of academic research. The MS-Excel is one of the most common spread sheet-based software that helps researchers perform different statistical functions and analyse data. Excel has multiple advanced functions, calculation, charting tools, pivot tables and statistical methods for data analysis and research publications. The in-built statistical functions and tests available in excel enable the user to perform data analysis and data formatting and presentation. This workshop is designed to share the different statistical applications available and other inbuilt function, data formatting in Excel to all the participants through online zoom interactive hands-on session and discussion. Participants will be provided with sample data set for analysis in order to gain confidence and expertise in data analysis using excel and conduct research in their respective subject areas.

**OBJECTIVES**
- Learn how to apply basic functions, shortcut applications, and powerful calculations, formatting data using Excel.
- Learn how to visually represent data with Excel Charts and Graphs.
- Learn how to use Excel with Pivot Tables and Pivot Charts.
- Mastering in excel statistical function and data analysis (Descriptive statistics, parametric statistical methods, t-tests, ANOVA, Correlation, Regression) using MS Excel.

**WHO ALL CAN ATTEND**
- Academician, Researchers, and Post Graduate Research Students from the related areas of Biological Sciences, Social Sciences, Arts & Humanities, Business Management, Medical Science, Engineering sciences.

**MODE OF COURSE DELIVERY**
- Interactive lectures, hands on practical session, and discussion using ZOOM application. The ZOOM meeting ID and password will be sent all registered participants.

**REQUIREMENTS FOR THE WORKSHOP**
- The session will be on hands-on based and interactive.
- Participants must have Desktop/Laptop with good Internet speed and necessary data pack.
- Functional Webcam, Microphone & Head phones are Compulsory.
- Participants must have Excel 2016 available in their laptops.

**WORKSHOP FEE**
- The registration fee for the workshop is Rs.200 to be paid through NEFT/Google pay/phone pay only.
- Seats are limited. First come first served basis.
- The fee is towards participation for the workshop.
- E-certificate will be given to all the registered participants.
- Registrations shall be accepted until midnight of 17 May 2020.

**BANK DETAILS:**
**ACCOUNT NO:** 51036663478
**ACCOUNT NAME:** MARIMUTHU K
**BANK:** STATE BANK OF INDIA
**BRANCH:** PALAYAMKOTTAI
**IFSC CODE:** SBIN0001649

The participants are requested to register online at this link https://forms.gle/ktn3A44aX6BNr02B7 along with fee payment receipts. Or you can scan the following QR code and submit the form.

**Organizing Secretary**
DR. J. JAYANTHI M.Sc., M.Phil, PhD
Dean of Research
Guru Nanak Centre for Research
GURU NANAK COLLEGE (AUTONOMOUS) VELACHERY,
CHENNAI – 42, Tamilnadu
Contact: 9841673952

**Resource Person**
Professor Dr. K. MARIMUTHU
Faculty of Applied Sciences, AIMST University
08100 Semeling, Kedah Darul Aman, Malaysia.
Professor Marimuthu has been teaching statistics and using SPSS statistical software and Excel for the last 15 years and conducted several sessions of SPSS and Excel workshop and training for researchers and students in Malaysia, India and Sri Lanka.
Certificate

GURU NANAK COLLEGE (Autonomous)
(Re-accredited at ‘A’ Grade by NAAC)
Guru Nanak Salai, Velachery, Chennai – 600 042

Certificate of Participation

This is to certify that
FULL NAME

has participated in the Workshop on Discovering & Learning the Application of Statistics Using MS Excel held on 19 May 2020, organized by Guru Nanak Centre for Research, Guru Nanak College (Autonomous) Velachery, Chennai – 42, Tamilnadu

DR. J. JAYANTHI
Organizing Secretary
Dean of Research

Dr. M. G. RAGUNATHAN
PRINCIPAL

Mr. MANJIT SINGH NAYAR
GENERAL SECRETARY & CORRESPONDENT